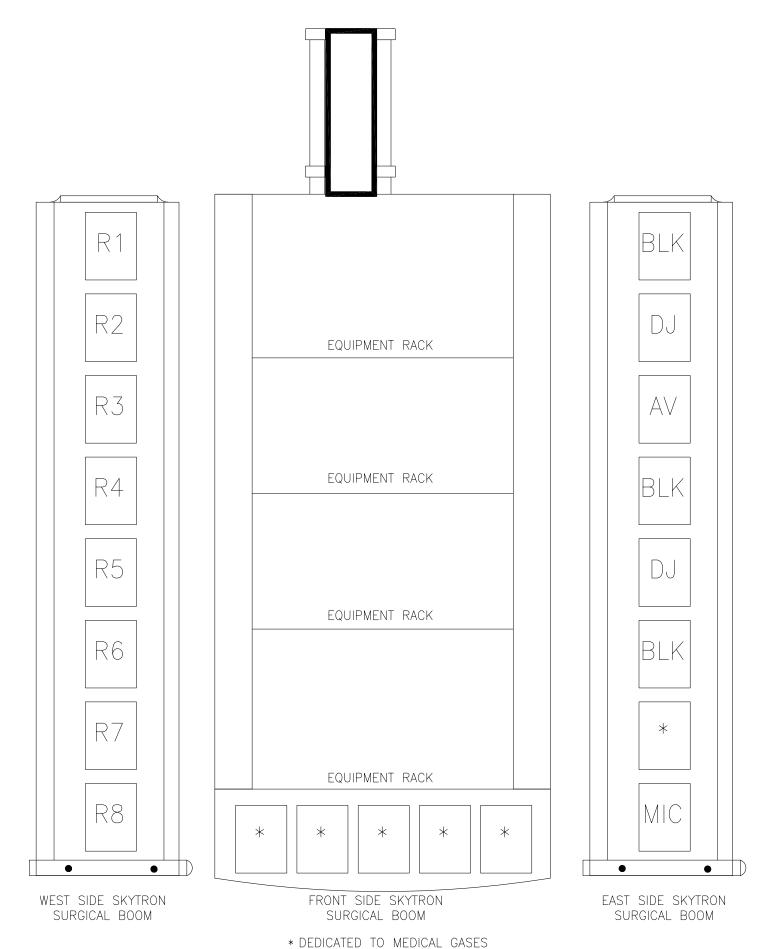


NOTE:

1. IF A SEPARATELY DERIVED SYSTEM IS REQUIRED TO BE GROUNDED, THE CONDUCTOR TO BE GROUNDED IS ALLOWED TO BE CONNECTED TO THE GROUNDING ELECTRODE SYSTEM AT ANY LOCATION BETWEEN THE SOURCE TERMINALS (TRANSFORMER, GENERATOR, ETC.) & THE 1ST DISCONNECTING MEANS OR OVER-CURRENT DEVICE. THE LOCATION OF THE GROUNDING ELECTRODE CONDUCTOR CONNECTION TO THE GROUNDED CONDUCTOR MUST BE AT THE POINT AT WHICH THE BONDING JUMPER IS CONNECTED TO THE GROUNDED CONDUCTOR. BY ESTABLISHING A COMMON POINT OF CONNECTION, NORMAL NEUTRAL CURRENT WILL BE CARRIED ONLY ON THE SYSTEM GROUNDED CONDUCTOR. METAL RACEWAYS, PIPING SYSTEMS, & STRUCTURAL STEEL MUST NOT PROVIDE A PARALLEL CIRCUIT FOR NEUTRAL CURRENT.

GROUNDING ELECTRODE CONDUCTOR, SINGLE SEPARATELY DERIVED

VA FORM 08-6231



FRONT VIEW

SKYTRON EQUIPMENT CARRIER WITH 4 ADJUSTABLE EQUIPMENT SHELVES TO BE RELOCATED TO NEW OR

	DEVICE AND ACCESSORY CHAI	RT POSITION FOR : AND 4 ADJUSTABL				
BOOM SIDE	DESCRIPTION	CIRCUIT NUMBER	PANEL NAME	REMARKS		
R1	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (1)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
R2	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (1)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (2)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)	,	
	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (2)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
R5	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (3)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
R6	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (3)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
R7	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (4)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
R8	DUPLEX RECEPTACLE — RED HOSPITAL GRADE 20 AMP	DEDICATED (4)	IPU-OR#-B	"#" INDICATES OPERATING ROOM NUMBER. (I.E. OR1, OR2, ETC.)		
DJ	TELEPHONE/DATA OUTLET 4 JACK		19" EXISTING TELECOM RACK	SEE DWG 3/E5.03 FOR TELEPHONE—DATA OUTLET DETAIL		
AV	AUDIO/VIDEO OUTLET			PRIOR ANY INSTALLATION, E.C. TO CONFIRM CONNECTORS TYPE THAT SUPPORT VIDEO, AUDIO, CONTROL, VOICE AND DATA		<u>CEILING VIEW</u>
				CONNECTORS AS WELL AS VGA LINE DRIVERS, AUDIO BUFFERS, AND TWISTED PAIR TRANSMITTERS AS REQUESTED BY VA AND	CEILING VIEW NOTES FOR SKYTRON 360 D SURGICAL BOOM WITH VST MONITOR AND 4 ADJUSTABLE EQUIPMENT SHELVES	
MIC	AUDIO/MICROPHONE OUTLET			SKYTRON EQUIPMENT. PRIOR ANY INSTALLATION, E.C. TO	NOTE NUMBER	DESCRIPTION
				CONFIRM PIN NUMBER FOR THE TYPE / MODEL NUMBER OF THE MICROPHONE OUTLET.	1	PROVIDE 2#10, 1#10 GND, 3/4"C FOR EACH SET OF 120VAC CIRCUITS FROM SURGICAL BOOM TO ISOLATION PANEL IPU-OR#-B
					2	PROVIDE (1) 1-1/4" CONDUIT FROM ACCESSIBLE CEILING SPACE ABOVE BOOM TO TELECOM ROOM IN ORDER TO EXTEND COMMUNICATION CABLE ROUTING.

SKYTRON to provide a prewired surgical boom. All conduit, wiring, and other electrical materials as well as installation labor for such materials associated with the installation of the SKYTRON surgical light to be provided by Electrical Contractor. All installations of SKYTRON surgical lights should be under the direct supervision of a SKYTRON representative. All wiring to be in accordance with local codes.

GENERAL SURGICAL BOOM NOTES:

- 1. ALL RECEPTACLES IN COLUMNS AND BOOMS SHALL BE PREWIRED TO
- JUNCTION BOXES LOCATED AT TOP OF COLUMN. 2. ALL CIRCUITS SHALL CONTAIN SEPARATE PHASE AND NEUTRAL CONDUCTORS. COMBINING OF THREE CIRCUITS WITH A COMMONNEUTRAL
- IS NOT PERMITTED. 3. ELECTRICAL CONTRACTOR TO ENGRAVE THE PROPER PANEL AND CIRCUIT NUMBER INTO RECEPTACLE FACEPLATES.
- 4. PROVIDE ADDITIONAL PATHWAYS FOR NURSE CALL AND DATA/TELECOMMUNICATIONS WIRING.
- 5. COLÚMNS AND BOOMS ARE FURNISHED BY OWNER FOR INSTALLATION BY CONTRACTOR. 6. ALL INTERNAL WIRING SHALL UTILIZE LOW LEAKAGE XHHW-2, 600V

2 3 4CEILING VIEW CEILING VIEW NOTES FOR SKYTRON 360 D SURGICAL BOOM WITH VST MONITOR AND 4 ADJUSTABLE EQUIPMENT SHELVES DESCRIPTION NUMBER PROVIDE 2#10, 1#10 GND, 3/4"C FOR EACH SET OF 120VAC CIRCUITS FROM SURGICAL BOOM TO ISOLATION PANEL IPU-OR#-B PROVIDE (1) 1-1/4" CONDUIT FROM ACCESSIBLE CEILING SPÁCE ABOVE BOOM TO TELECOM ROOM IN ORDER TO EXTEND COMMUNICATION CABLE PROVIDE (1) 1-1/4" CONDUIT FROM ACCESSIBLE CEILING SPACE ABOVE BOOM FOR AUDIO/VIDEO WIRING ROUTING. |PROVIDE (1) 1" CONDUIT FROM ACCESSIBLE CEILING SPACE ABOVE BOOM FOR MONITOR WIRING ROUTING.

REFER TO ARCHITECTURAL DRAWINGS IN ORDER TO IDENTIFY THE EXISTING SURGICAL EQUIPMENT BOOM TO BE RELOCATED IN NEW OPERATING ROOMS AS FOLLOWS:

- * P2 A1.0 PHASING NOTES: REFER TO NOTES FOR SURGICAL EQUIPMENT TO BE REUSED IN NEW OPERATING ROOMS 3B-135 (OR-1), 3B-137 (OR-2), AND 3B-139 (OR-3).
- * P3 A1.0 PHASING NOTES: REFER TO NOTES FOR SURGICAL EQUIPMENT TO BE REUSED IN NEW OPERATING ROOM 3B-140 (OR-4).
- * P4 A1.0 PHASING NOTES: REFER TO NOTES FOR SURGICAL EQUIPMENT TO BE REUSED IN NEW PAIN MANAGEMENT ROOM 3B-166.
- * P4 A1.0 PHASING NOTES: REFER TO NOTES FOR SURGICAL EQUIPMENT TO BE REUSED IN NEW OPERATING ROOM 3B-136 (OR-6).

100% CONSTRUCTION DOCUMENTS **FULLY SPRINKLERED**

Project Title Project Number CONSULTANTS: MILLER-REMICK LLC PROFESSIONAL ENGINEER ARCHITECT / ENGINEERS: **RENOVATE SURGICAL** ELECTRICAL O.R. DETAILS AND Office of 581-13-101 SERVICE & UPGRADE PAIN MANAGEMENT BOOM Construction **Building Number** PF&A DESIGN ARCHITECTURE, PLANNING, INTERIORS
World Trade Center
101 West Main Street, Suite 7000 **OPERATING ROOMS** REGISTERED Miller-Remick LLC
M.E.P. & Structural Engineering
A Service Disabled Veteran Owned and Facilities PROFESSIONAL Approved: Medical Center Director Location HUNTINGTON, WV Drawing Number Management Norfolk, VA 23510 🧃 SDVOSB 🧵 🤇 THOMAS L. CHAPMAN Phone: 757-471-0537 Fax: 757-471-4205 1010 KINGS HIGHWAY SOUTH ENGINEER
NO.
PE044043R CHERRY HILL, NEW JERSEY 08034 Checked PHONE: (856)429-4000 www.pfa-architect.com FAX: (856)429-5002 Department of Veterans Affairs 10.31.2014 Dwg. **146** of 178 DESCRIPTION DATE

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